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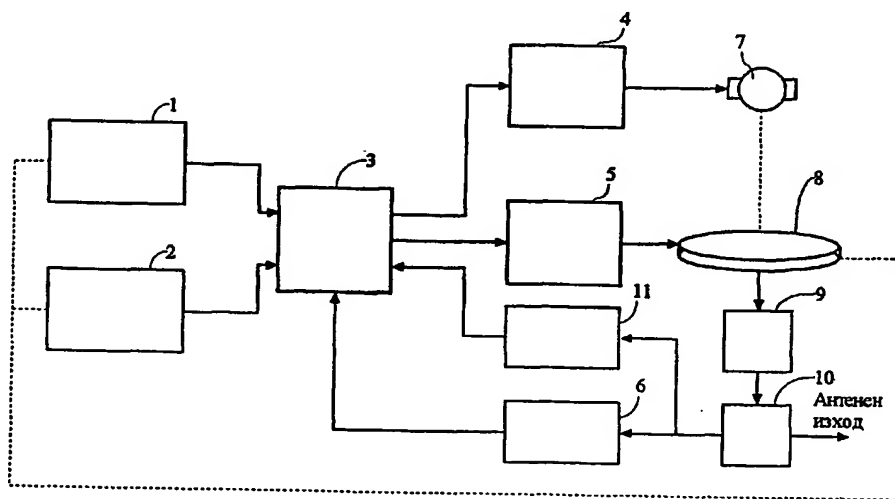
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(54) Title: TRACKING SYSTEM FOR FLAT MOBILE ANTENNA



ANTENNA OUTPUT

(57) Abstract: Tracking system for flat mobile antenna, which includes : sensors for angular velocity (1), which sense the rotation of the antenna around their axes; sensors, sensing the orientation of the antenna according to vertical axis (2); control block (3), which calculates necessary corrections of the direction of antenna beam and which is connected to outputs of sensors (1, 2) and with inputs of driving block (4) and beam control block (5); at least one motor (7), which changes the orientation of the antenna and which is connected to the output of driving block (4) and which drives the antenna panel (8); block for electronic beam steering (9), which is connected to antenna panel (8); power supply block, which converts the voltage from the electrical network of the vehicle into suitable values for providing of power supply of all blocks of the system.

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